

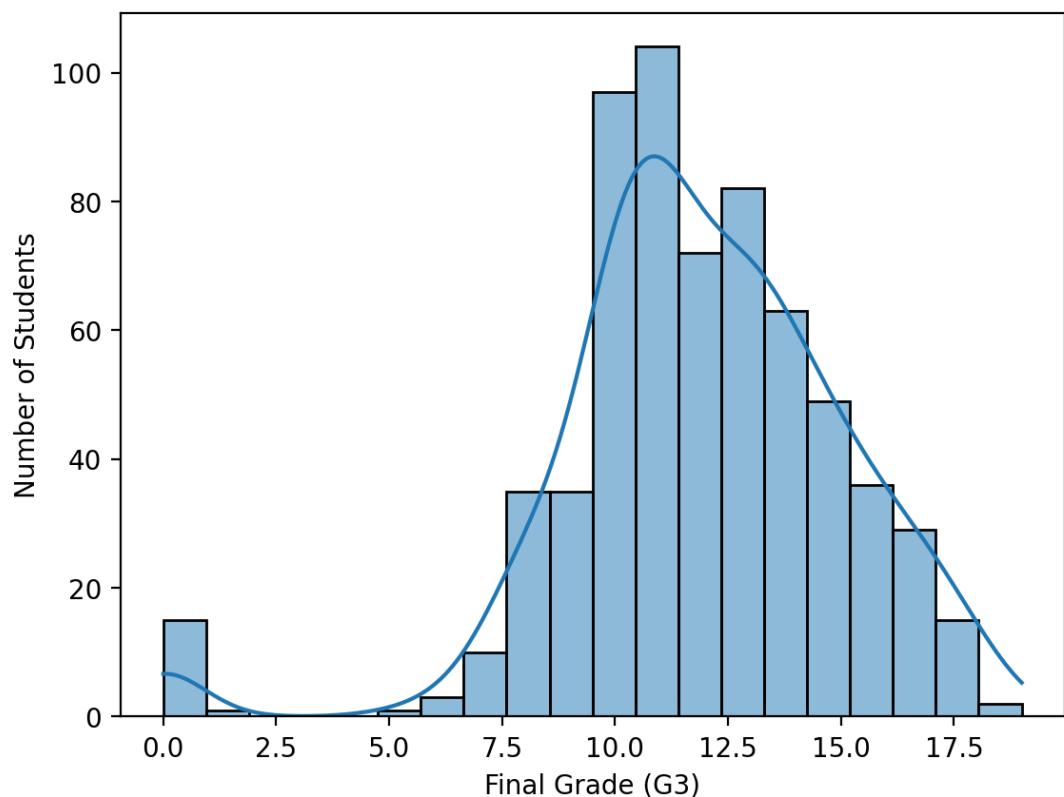
Filters

Select Sex

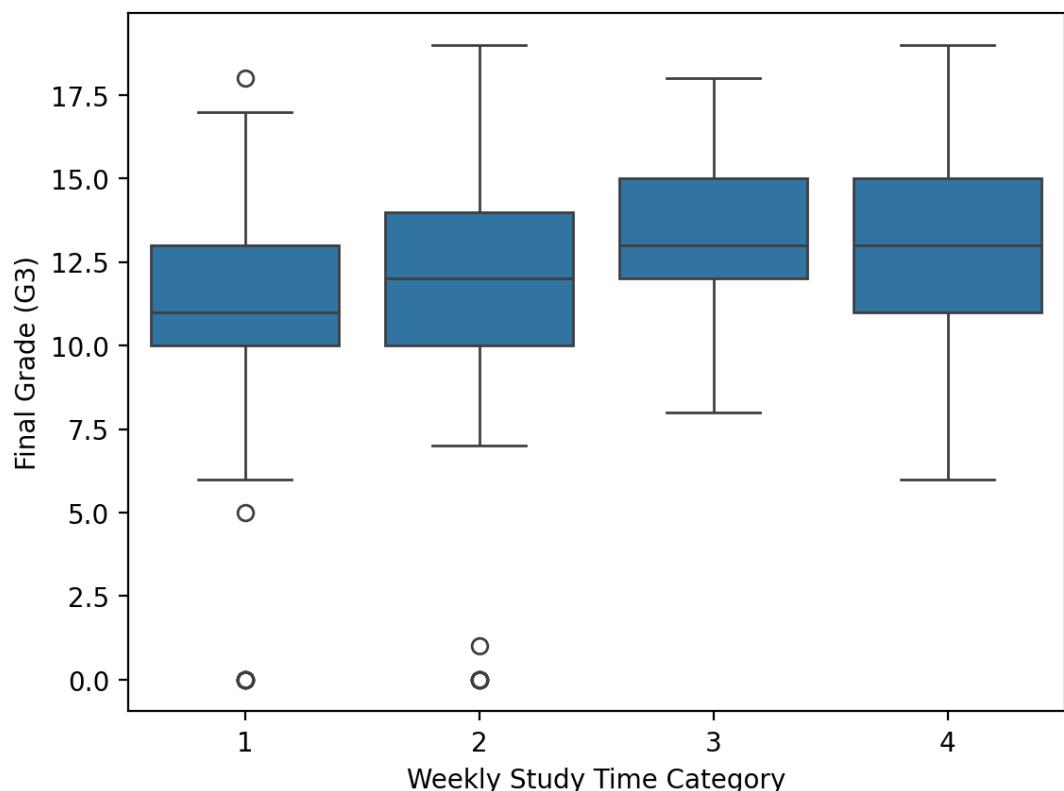
 M

Student Performance XAI

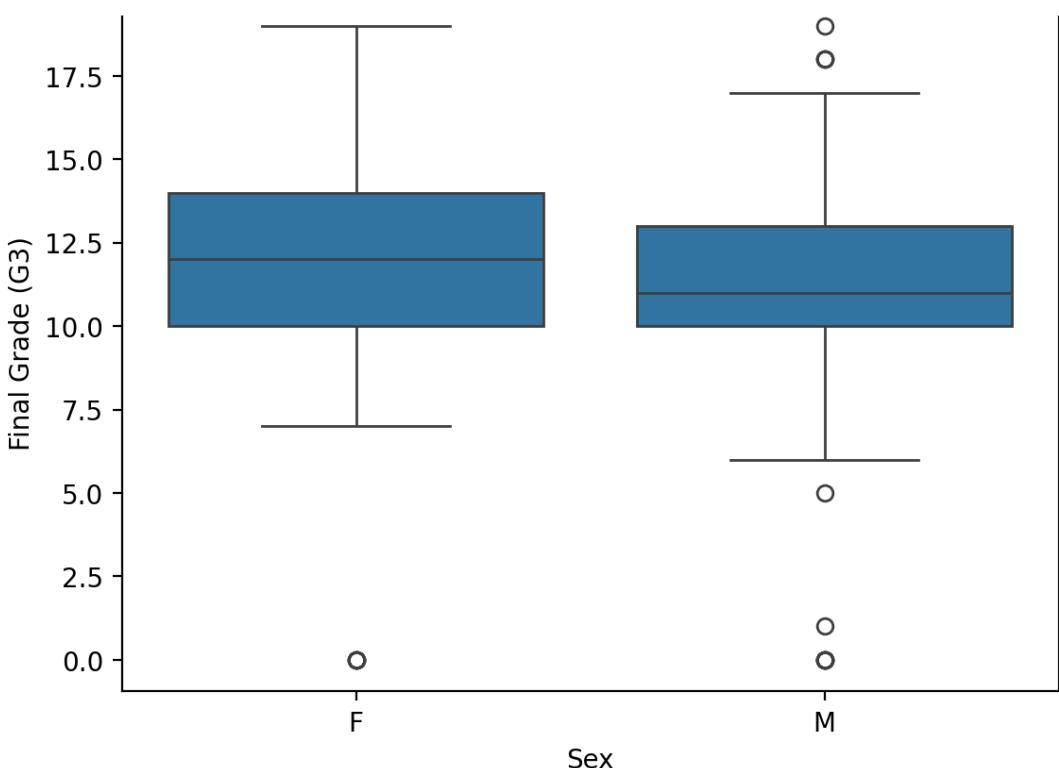
Student Performance Overview



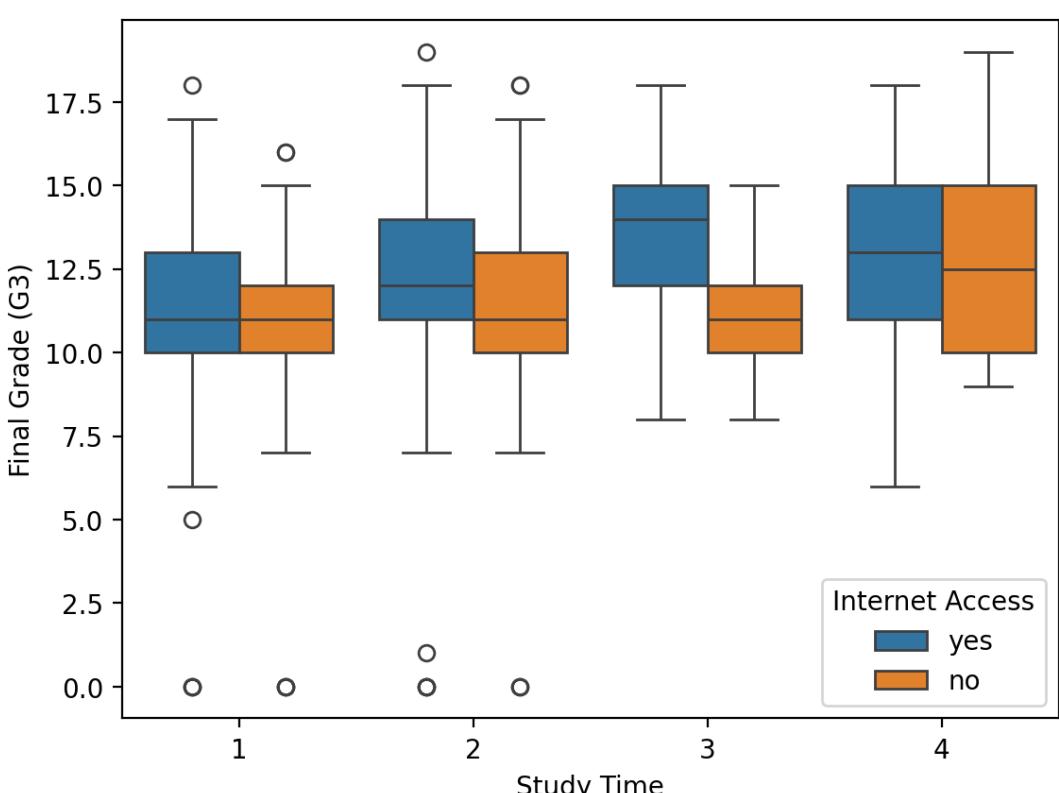
Effect of Study Time on Final Grade



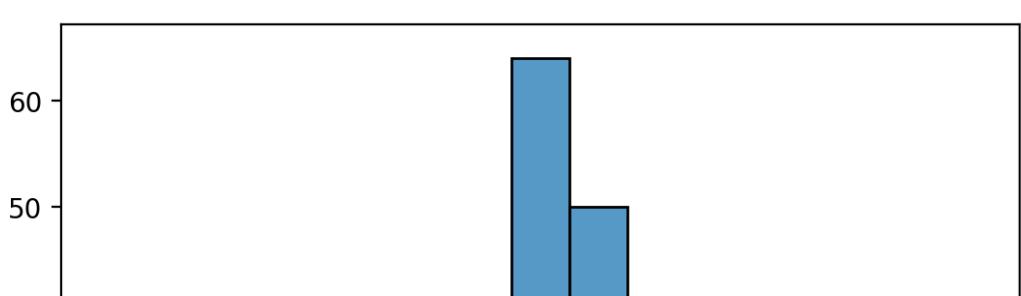
Final Grade by Sex

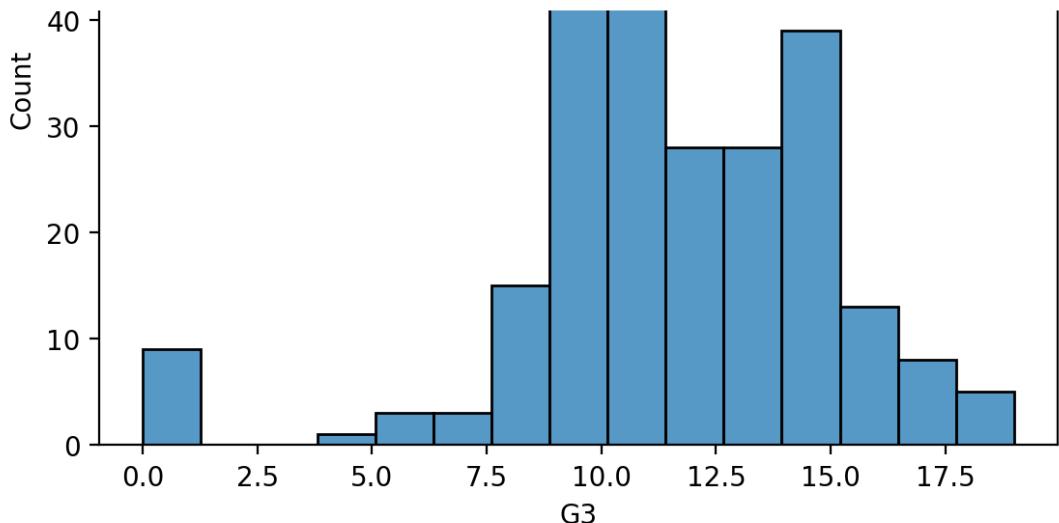


Interaction: Study Time and Internet Access



Grade Distribution for Sex = M





Model Training and Explanation

```
st.cache_resource CacheResourceAPI streamlit.runtime.caching.cache_resource_api.CacheResourceAPI(decorator_metric_name: 'str') -> 'None'
```

This component allows you to cache resources used by your app. This can help reduce memory usage and improve performance.

```
clear method Clear all cache_resource caches.
```

Dataset Preview

	school	sex	age	address	famsize	Pstatus	Medu	Fedu	Mjob	Fjob	reason	guardian	traveltime	studytime	failures	schoolsup
0	GP	F	18	U	GT3	A	4	4	at_home	teacher	course	mother	2	2	0	yes
1	GP	F	17	U	GT3	T	1	1	at_home	other	course	father	1	2	0	no
2	GP	F	15	U	LE3	T	1	1	at_home	other	other	mother	1	2	0	yes
3	GP	F	15	U	GT3	T	4	2	health	services	home	mother	1	3	0	no
4	GP	F	16	U	GT3	T	3	3	other	other	home	father	1	2	0	no

Global Feature Importance (SHAP)

